

AB

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### (54) CELLULOSE COMPOSITION HAVING ION-EXCHANGING FUNCTION

(57)Abstract:

PURPOSE: To prepare a cellulose compsn. having an ion-exchange function, useful as a metal ion binder, a flocculant for suspended particles, a softener for sea water, an antigungal agent, etc., by mixing specified amts. of a specific regenerated cellulose and a specific anionic polymer in a molecular state and solidifying the mixture.

CONSTITUTION: 60-99wt.% regenerated cellulose (e.g. viscose) having a degree of polymn. of at least 100 and 40-1wt.% anionic polymer other than vinyl acetate-maleic acid copolymer (e.g. a polymeric deriv. of naphthalensulfonic acid) are mixed in a molecular state, and the mixture is solidified.

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**CELLULOSE COMPOSITION HAVING ION-EXCHANGING FUNCTION**

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**Inventor:** HIGAKI SEIGO; OKAMOTO AKIRA  
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**Application number:** JP19900161744 19900619  
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**PURPOSE:** To prepare a cellulose compsn. having an ion-exchange function, useful as a metal ion binder, a flocculant for suspended particles, a softener for sea water, an antigungal agent, etc., by mixing specified amts. of a specific regenerated cellulose and a specific anionic polymer in a molecular state and solidifying the mixture. **CONSTITUTION:** 60-99wt.% regenerated cellulose (e.g. viscose) having a degree of polymn. of at least 100 and 40-1wt.% anionic polymer other than vinyl acetate-maleic acid copolymer (e.g. a polymeric deriv. of naphthalensulfonic acid) are mixed in a molecular state, and the mixture is solidified.

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